

AMENDMENTS TO THE CLAIMS

10. (Currently Amended) An electric double layer capacitor, comprising an electrode and an electrolyte for the electric double layer capacitor, wherein an electrode layer comprising the following copolymer (A) and an active material for the electrode is bonded to a current collector:

a copolymer (A)

comprising:

monomer units derived from at least one compound (a) represented by the following general formula (1):



wherein R¹ represents a hydrogen atom or a methyl group, and R² represents an alkyl group or a cycloalkyl group, the glass transition temperature obtained by homopolymerizing the compound (a) being less than 0°C, and

monomer units derived from at least one compound (b) selected from acrylic acid alkyl esters, methacrylic acid alkyl esters, aromatic vinyl compounds, and acrylonitrile, the glass transition temperature obtained by homopolymerizing

the compound (b) being 0°C or higher;

wherein the total content of the monomer units derived from the compound (a) and those derived from the compound (b) is 90% or more by weight per 100% by weight of the whole copolymer (A); and

wherein the amount of the monomer units derived from the compound (a) in the copolymer (A) is 50 to 95% by weight per 100% by weight of the whole copolymer (A), and the amount of the monomer units derived from the compound (b) in the copolymer (A) is 5 to 50% by weight per 100% by weight of the whole copolymer (A), and

the glass transition temperature of the copolymer (A) is 10°C or lower,

wherein the electrolyte includes tetraethylammonium tetrafluoroborate, triethylmonomethylammonium tetrafluoroborate, or tetraethylammonium hexafluorophosphate.

11. (Previously Presented) The electric double layer capacitor according to claim 10, wherein the copolymer (A) further comprises monomer units derived from an ethylenically unsaturated carboxylic acid (c) in an amount of 0.1 to 10% by weight per 100% by weight of the whole copolymer (A).

12. (Previously Presented) The electric double layer capacitor according to claim 10, wherein R² in the general formula (1) is an alkyl group having 4 to 12 carbon atoms.

13. (Previously Presented) The electric double layer capacitor according to claim 10, wherein the electrode layer further comprises a thickener in an amount of 0.5 to 5% by weight per 100% by weight of the active material for the electrode.

14. (Previously Presented) The electric double layer capacitor according to claim 13, wherein the thickener is a cellulosic polymer.

15. (Cancelled)